

## **ABSTRACT**

A water irrigation system may include a computer system, a sensing unit, an irrigation controller, and/or a water delivery system. The sensing unit may include a solar panel. Electricity produced by the solar panel may be supplied to the sensing unit. The sensing unit may assess climatological conditions in or near a zone to be irrigated. The sensing unit may be elevated at least 2 meters above the computer system. The sensing unit may communicate wirelessly with the computer system to provide output that is a function of the assessed climatological conditions to the computer system. The computer system may control irrigation of a zone to be irrigated at least partially based on the output from the sensing unit. A method of controlling irrigation may include allowing the computer system to control irrigation of a zone to be irrigated at least partially based on the assessed climatological conditions.

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